

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Ottenheimer et al.

Confirmation No.:

Application N .:

Examiner:

Filing Date:

Group Art Unit:

Title: Slotted Substrate and Method of Making

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e)(1) or (2), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ The citations listed are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. Copies of the cited references were cited or submitted with the priority application and are therefore not submitted herewith.  
The Examiner is requested to make these citations of official record in the application.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV206750135US

Date of Deposit 6/20/03

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By Carlin Taylor  
Typed Name: Carlin Taylor

Respectfully submitted,

Ottenheimer et al.

By Paul W. Mitchell

Paul W. Mitchell

Attorney/Agent for Applicant(s)  
Reg. No. **44,453**

Date: 6-20-2003

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. <b>10019119-4</b>	APPLICATION NO.	CONFIRMATION NO.
	APPLICANT <b>Ottenheimer et al.</b>		
	FILING DATE	GROUP	

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	5,066,357	11/19/1991	Smyth, Jr. et al.	
	1B	5,317,346	05/31/1994	Garcia	
	1C	5,361,087	11/01/1994	Tajima et al.	
	1D	5,378,137	01/03/1995	Asakawa et al.	
	1E	5,441,593	08/15/1995	Baughman et al.	
	1F	5,449,630	09/12/1995	Lur et al.	
	1G	5,588,597	12/31/1996	Reinecke et al.	
	1H	5,658,471	08/19/1997	Murthy et al.	
	1I	5,719,604	02/17/1998	Inui et al.	
	1J	5,786,988	07/28/1998	Harari	
	1K	5,820,919	10/13/1998	Terai	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	JP2000246363	09/12/2000	Ricoh Co. Ltd.		
	1M	JP2000141646	05/23/2000	Seiko Epson Corp.		
	1N	JP2000006409	01/11/2000	Casio Comput Co. Ltd		
	1O	JP411020177A	01/26/1999	Fujitsu Ltd.		
	1P	JP408142327A	06/04/1996	Canon Inc.		

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	US Patent Application Pub. No. US 2001/0023979A1, publication date 9/27/2001, "Method and System for Dicing Wafers, and Semiconductor Structures Incorporating the Products Thereof," Inventors Donald W. Brouvillette et al.
	1R	
	1S	

EXAMINER

DATE CONSIDERED

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	5,847,725	12/08/1998	Cleland et al.	
	2B	5,910,679	06/08/1999	Kim	
	2C	5,953,029	09/1999	Keefe et al	
	2D	5,988,786	11/23/1999	Waller et al.	
	2E	6,020,270	02/01/2000	Wong et al.	
	2F	6,106,096	08/22/2000	Komplin et al.	
	2G	6,107,158	08/22/2000	Zheng et al.	
	2H	6,133,926	10/17/2000	Kawai et al.	
	2I	6,142,611	11/07/2000	Pan	
	2J	6,184,570	02/06/2001	MacDonald, Jr. et al	
	2K	6,315,397	11/13/2001	Truninger et al.	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L	JP408001927A	01/09/1996	Ricoh Co. Ltd.		
	2M	JP407009682A	01/13/1995	Ricoh Co. Ltd.		
	2N	JP403215043A	09/20/1991	Canon Inc.		
	2O	JP410193598A	07/28/1998	NEC Corp.		
	2P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	
	2R	
	2S	

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	3A	6,331,055	12/18/2001	Miller et al.	
	3B	6,348,396	02/19/2002	Ishitsuka et al.	
	3C				
	3D				
	3E				
	3F				
	3G				
	3H				
	3I				
	3J				
	3K				

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	3L					
	3M					
	3N					
	3O					
	3P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	3Q	
	3R	
	3S	

EXAMINER

DATE CONSIDERED